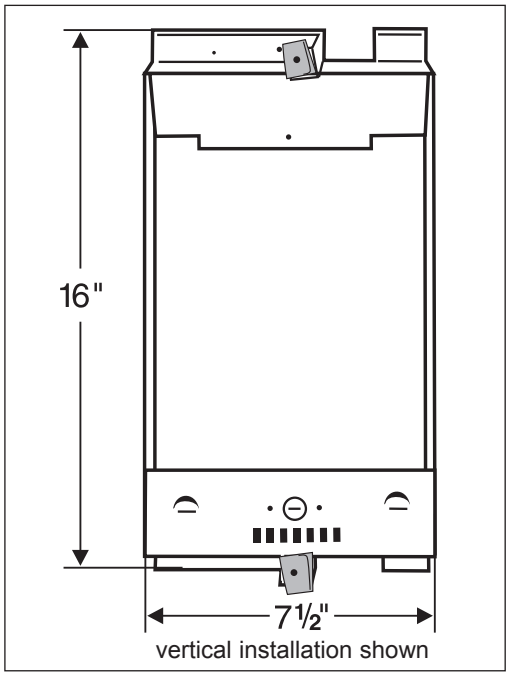
CADET

FWAP Conversion Kit Installation Instructions

http://www.cadetheat.com/products/wall-heaters/com-pak



vertical installation shown

Features & Benefits

- Converts discontinued FW Series wall can to newer Com-Pak or Com-Pak Max
- UL Listed for installation of Com-Pak model into FW wall can
- No sheetrock construction necessary - saves time and money
- Vertical or horizontal installation

PARTS INCLUDED:
3 Screws
2 Spring Nuts
2 Lead Wires
1 Replacement Grill Label
2 Mounting Screws
1 Conversion Plate
3 Lock Tooth Washers
1 Instruction Guide

TOOLS REQUIRED:
Phillips Screwdriver
Straight Screwdriver

Model: FWAP to be used with any CS model heater

Any of the following models may be replaced using the FW conversion kit:

FW051, RW051, FW052, RW052, FW071, RW071, FW751, RW071, FW752, RW752

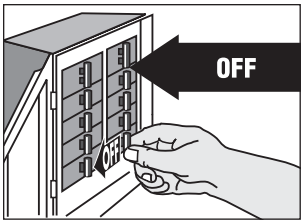
FW072, RW072, FW101, RW101, FW102, RW102, FW121, RW121, FW122, RW122

FW151, RW151, FW152, RW152, FW202, RW202, FW252, RW252, FW302, RW302

*The above models may be controlled by either a built-in thermostat or a wall mount thermostat.

General Safety Information

If you are uncomfortable working with electrical appliances, unable to follow these guidelines, or do not have the necessary equipment, consult a licensed electrician.



⚠WARNING!
Turn the electrical power off at the electrical panel board (circuit breaker or fuse box) and lock or tag the panel board door to prevent someone from turning on power while you are working on the heater. Failure to do so could result in serious electrical shock, burns, or possible death.

1. **⚠WARNING**
Risk of fire or property damage.
DO NOT replace your heater with a higher wattage assembly. Replace your heater with the same voltage and wattage that was originally installed. Replacing it with a higher wattage heater could result in an overloaded electrical circuit in your home, which could result in a fire and serious property damage. Replacing with a lower wattage heater may cause insufficient heat and result in increased energy costs.

2. All electrical work and materials must comply with the National Electric Code (NEC), the Occupational Safety and Health Act (OSHA), and all state and local codes.

3. When installing the heater conversion kit, be certain the FW heater being replaced was wired correctly to all electrical codes and the supply wiring is the correct size and in good condition. If not, it must be replaced before proceeding.

4. If you need to install a new circuit or need additional wiring information, consult a qualified electrician.

5. Protect electrical supply from kinks, sharp objects, oil, grease, hot surfaces or chemicals.

SAVE THESE INSTRUCTIONS

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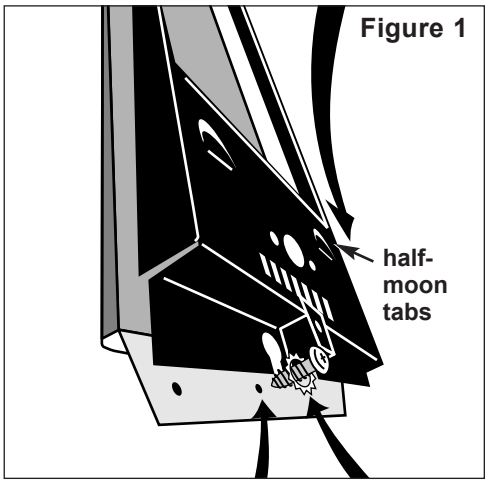
FWAP Instructions (Back Side)

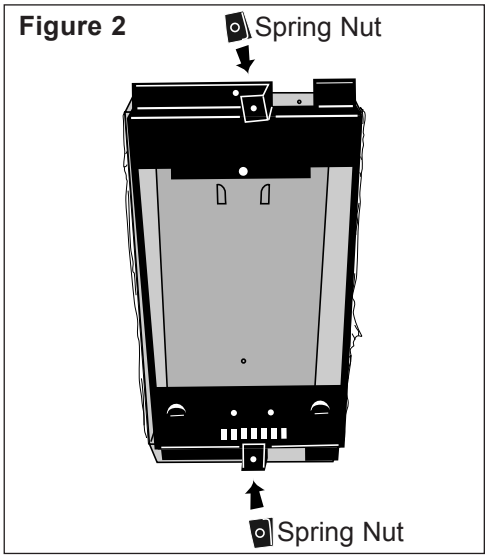
Removing Old FW Heater

1. Pull off thermostat knob (if applicable) and remove top and bottom grill screws to remove grill.
2. Remove screw on bottom center of heater assembly.
3. Unscrew insulated wire connectors and separate supply wires from heater wires.
4. Remove the heater assembly by pushing up in the direction of the fan and pulling unit out of wall can.



Installing Conversion Kit

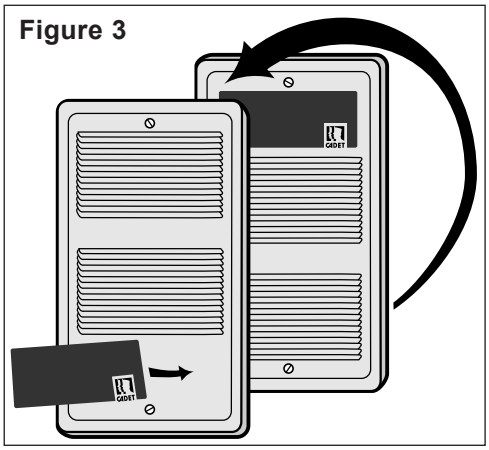
1. Screw top and bottom screws and washers about halfway into the wall can with the half-moon tabs facing out (See Figure 1).
2. Push plate down into position.
3. Tighten the screws. NOTE: Star washers MUST be located between the screw head and painted surface of the conversion plate.
4. Install one spring nut at the top and one at the bottom (See Figure 2).



Installing New Heater Assembly

Note: If FW heater was wired with the supply circuit entering the wall can from the top, it may be necessary to add 8 inches of lead wire to each of the supply lines before proceeding with installation of new heater.

1. **The Com-Pak requires a thermostat to operate.** Please follow wiring instructions supplied with either your built-in thermostat kit or wall mount thermostat and your new heater. If new heater has a built-in thermostat, the two mounting screws must be removed and reattached to the bottom of the FWAP.
2. Once wiring is complete, slide heater assembly into half-moon tabs located on bottom of conversion plate. Use screw supplied with heater assembly and star washer supplied with kit to attach heater to conversion plate.
3. If using original grill, turn the grill upside down (See Figure 3) and install using two new #10 screws. If there is a built-in thermostat, be sure it is at the bottom.
4. Affix new label (provided) on inverted grill. It is not necessary to remove the old label. If using a built-in thermostat, cut thermostat shaft hole out of new label.



Operation Instructions

1. Once installation is complete and power has been restored, turn the thermostat knob fully clockwise.
2. When the room reaches your comfort level, turn the thermostat knob counterclockwise until the heater turns off. The heater will automatically cycle around this preset temperature.
3. To reduce the room temperature, turn the knob counterclockwise. To increase the room temperature, turn the knob clockwise.

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